<u>Summary of SDW Version 8.5 Changes</u>

- **<u>Data Consistency</u>** - In past versions of SDW, the data did not consistently mirror MOCAS at 100%, although the "success rate" was normally around 99.9%. This new version modifies the "change detector" software to capture all updates in MOCAS and pass them to SDW. These changes should result in increased integrity in SDW data. In other words, we expect the consistency rate to improve and it should be more infrequent that you find data in MOCAS that does not match SDW (with allowance for the normal 24-36 hour time lag).

- **<u>Security</u>** - In past versions of SDW, users were given a logon and password and were unable to change their password. Version 8.5 provides the user with the ability to change their password AND requires a password change every 120 days. Criteria for password composition are contained in the SDW Query Users and Administrators Manual, (Ver 2.60) Appendix H. Users cannot change their password inside of the Cognos software or SDW. Users will receive email notification that their password is going to expire in 14 days. Within the email notification a www URL will be provided which will allow the user to change their password on the Web. Other security changes are:

    - Users who do not change their password within the 14-day grace period after receiving the e-mail notification will be locked out. **NOTE**: The security application will impact passwords on the Web and in Cognos. Cognos allows a 14-day grace period after which time the user becomes locked out. However, if the user signs on to the Web canned queries, anytime during the grace period, they will be forced to change their password before proceeding with the query.
    - Users will become locked out if they attempt to sign on three times with the wrong password. An SDW TASO will have to reset their password.
    - Users cannot be signed on to multiple sessions with the same logon.

    SDW TASOs are:

    <u>East:</u>
    Lillian Leone (Primary), Dave Stafford, Claudia Emery, Dianne Murphy, Lois Kearney

    <u>West:</u>
    Kathy Schreiber (Primary) , Sue Pepper, Bill Luzinski, Margarette Trimble

    <u>HQ:</u>
    Vic Szabo

The above TASOs cannot add or delete users; they can only unlock/reset passwords. Requests for new users to be added to SDW must be within the space allocation for your CAO and should be funneled through the local TASO to the applicable ISSO.

- **Web Queries** - Many of the existing canned queries available in SDW with Cognos were also added to the SDW Web Query HomePage bringing the total of canned queries available on the Web to 74.   These queries will provide the same results as the canned Cognos queries and are identified in SDW Web Query Users Manual, October 1999. Web queries are an easy way to use the canned queries without having to have the Cognos software on your computer. We have found, in some instances, that the canned queries run faster on the web than in Cognos. The website is: http://widow.dsdc.dla.mil:80/sdwprd/sdwhome.htm

  At this point in time, there is no ad-hoc capability on the SDW Web Page for developing your own queries.

  Some helpful hints on using Web Queries:

  a. Many of the queries on the Web may be pulling back large amounts of data. The Web will automatically return only that portion of the data responses that comfortably fit on a screen. However, there is a "radio" button at the bottom of the report, which gives the user the ability to "Display All Records".

  b. When printing large reports from the Web the user may find that the report does not fit on a page. The user can change the left and right margin to a lower number (within the browser) so that the report will display all columns or they can change the page setup from portrait to landscape by going into File, Page Setup.

  c. If all else fails and the report is still too large, the user can reduce the size of the font by going into Edit, Preferences, and choosing a smaller font.

- **New MOCAS Files Added to SDW** - Version 8.5 has added the following MOCAS data to the SDW Catalog:

Folder Name	MOCAS Data
Past Performance History	Production Performance Data which is entered in MOCAS (Screen UNKP10) by the Industrial Specialist or CMA

Payment Instr & ACO Notebook	Notebook Information from the Provision, Line Item or Remarks Record in MOCAS. See **
QA Performance Data	All counts (e.g. Product Audits, corrective actions, shipment count etc) affecting in-plant activity at a CAGE level for the past 12 months plus current month.

** Some helpful hints for the Payment Instr and ACO Notebook.

a. The payment instruction and ACO Notebook in MOCAS allow up to 456 characters or 8 lines of information. To view all of this information in SDW it is suggested you group on the remarks text field for the payment instruction or ACO Notebook. This will provide a break (lines) in between comments and make it easier to read.

b. When viewing more than one line in the ACO notebook you will need to use word wrap. To use word wrap you need to right mouse click on the remarks text field, go to properties, select layout tab, and then check the box for multi line with word wrap.

c. When viewing notebook information on screen in MOCAS, users are used to seeing "Y" for Yes and "N" for No. This is not how the indicator is actually stored in MOCAS; consequently the Indicator in SDW reflects what is stored in MOCAS. "A" indicates ACO Notebeook; "B" indicates BVN Special Payment Instructions; "C" indicates CLIN Special Payment Instructions; "P" indicates Progress Payment Special Payment Instructions. For example, on screen in MOCAS a user would see "BVN Spec Pay Inst Y". However, "B" would actually be stored in the MOCAS database and therefore SDW.

- **Daily Updates** - Prior to Version 8.5, the files for Property (Contract Property and Contractor Property) and QA (QA PQDR, and QA MIS Contract Data and QA Facility) were updated only once a month. In Version 8.5 the data in these folders will be updated daily.

- **MOCAS Processing Tables** - Just a reminder that all the tables in the MOCAS Process Table Folder, as well as QAR Code to Name Folder will continue to be updated only on a monthly basis because of the minimal amount of data changes that occur in these files in MOCAS.

- **Contract Status History** - The Contract Status History Folder in SDW contains an entry for every contract in the database everytime a SDW massload is done, as well as every time a Section movement occurs in MOCAS. This folder also contains information as to which RGS moved the contract during an MOCAS on-line session. Version 8.5 provides for this information to be stored for 365 days from the closed date in MOCAS. In addition for those contracts that are purged from MOCAS, rather than closed (such as the 60 day Purge in MOCAS), these contract entries will remain on the Contract Sts History for 215 days after the contract is purged from MOCAS. If your contracts are being moved within the MOCAS Sections on line and you want to "investigate" who is doing these Section changes, this folder provides you that visibility. Note: If the contract moved during the nightly batch cycle (i.e. because an NLA was processed) the RGS code of who processed the NLA cannot be captured in SDW.

- **DD 250 Recycle Error Messages** - The reason code field which displays error message numbers for recycling DD Form 250s found on the shipment records in MOCAS has been added to the Shipment Folder in SDW. Note: Remember that if a DD 250 is recycling in MOCAS for "no PIIN SPIIN" (there is no matching contract in MOCAS) you will **not** see the recycled DD 250 in SDW.

- **Y2K Compliant** - SDW was functionally tested and certified to be Y2K compliant.

- **Alerts Interface** - Alerts Phase II (when deployed) will interface with SDW Ver 8.5 for validation, data retrieval, and update purposes. SDW will store the following Alerts data elements in the Schedule Folder once ALERTS Phase II is deployed and operational. These five data elements will **not** be found in MOCAS.

  Prior RDF Date
  RDF Cause
  RDF Code
  RDF Date
  RDF Trans Date

  Trend Files - SDW Ver 8.5 provides for trend files to be built monthly which capture key statistical data (counts and dollars). The trend files can be used to build Cognos cubes to "slice and dice" this data. Until the next monthly trend file is built, SDW will contain the 'detail' data that supports the trend file to allow for 'drill down' from any cube created to the current month's back-up data.

There are trend files for:

> ACO/PCO Processed Mods
> Closed Contracts
> Delinquent Contracts
> New Contracts Received
> Overage Contracts

- **OLAP Performance Improvement** - The SDW developer, DITC, has been running several performance stress tests and identified areas to improve OLAP and query performance, including hardware, software and architectural changes and additional indexing. These changes have been applied prior to the Version 8.5 release so users should already be seeing significant improvement in query run times. This is not to say that a user can't write an inefficient query which will take a long time to run; that possibility always exists.

- **Property Queries** - Two new canned Cognos queries were added for Property:

  a. **Contracts Opened for Property** - This provides a listing of contracts assigned for Property Administration during a specified time period. The user must specify the time frame and can also request the data by District, Org Code, or PA Code. The report also provides total number of contracts assigned based on the requested criteria.

  b. **Contractor Property Totals** – This provides a listing of Government Property in the custody of contractors by CAGE. The data is grouped and subtotaled by District, Org, and PA Code. The data is derived from the MOCAS Contractor Property Files. The report can be requested by District, Org Code, or PA Code.

- **QA Product Quality Deficiency Report (PQDR) Data** - Note: SDW will not properly display certain special characters even though they may be visible in MOCAS. This is an ORACLE restriction.

- **QA Data** - A separate folder called QA Data was added outside the "Master" folder to ensure that all (prime and QA only) QA data is retrievable. It ensures that all QA Facility, Contracts, Performance, and QA Only Contract and Contractor records are retrievable. Whenever using data fields in any of these subfolders, always keep QAR Code and QAR Name together.

- **Performance Data with Contract Data:**

  To get performance data even if there are no contracts, use:
  > *Performance Folder*
  > *Contracts Folder*

  To get contract data even if there is no performance data, use:
  > *Contracts Folder*
  > *Contract Performance Folder*

- **Performance Data with QA MIS Contract Data:**

  To get performance data even if there are no QA MIS contracts, use:
  > *Performance Folder*
  > *QA Mis Contracts Folder*

  To get QA MIS contract data even if there is no performance data, use:
  > *QA Mis Contracts Folder*
  > *Contract Performance Folder*

The subfolder QAR Code to Name should only be used when you want QAR Code/Name regardless if there is other data (i.e. Contracts, Performance, etc.). QAR Code and QAR Name can also be found in the individual folders. An example for their use would be if you want Contract information regardless if there is a QAR Code: you would select QAR Code and QAR name from the Contracts folder, not the QAR Code to Name folder.